	Туре	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L21	56	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1)) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same period\$4)) and ((grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4)))) not ((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and ((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1)) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1) and ((grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.)	USPAT; US-PGPU B; EPO; JPO; DERWENT	2004/10/18 15:01

	Comments	Error Definition	Erro rs
1			0

	Туре	Hits	Search Text		
1	BRS	0	'10/619776'		
2	BRS	0	'10/619,776'		
3	BRS	0	'10,619,776'		
		_	("5388173"		
4	BRS	2	"6490390").pn.		
			((beam near7 split\$4) same (beam\$1 near7		
_	770	600	(reflect\$4 mirror\$1))) and ((beam\$1 near7		
5	BRS	623	(reflect\$4 mirror\$1)) same (angle near9		
6	BRS	1933	<pre>(waveguide\$1 grating\$1)) same grating\$1) (vary\$4 chang\$4 alter\$4) near7 (angle\$1</pre>		
Ľ	DK3	1933	period\$1) near7 grating\$1		
7	BRS	6637	grating\$1 near12 period\$4		
8	BRS	103	phase near1 mask\$1 same split\$3		
9	BRS	6293	interference same grating\$1		
			((beam near7 split\$4) same (beam\$1 near7		
			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
10	BRS	630	(reflect\$4 mirror\$1)) same (angle near9		
			(waveguide\$1 grating\$1 fiber\$1 core\$1)) same		
<u> </u>			grating\$1)		
			((vary\$4 chang\$4 alter\$4) near7 (angle\$1		
			period\$1) near7 grating\$1) and (grating\$1		
			near12 period\$4) and (phase near1 mask\$1 same		
	,		split\$3) and (interference same grating\$1) and		
11	BRS ,	5	(((beam near7 split\$4) same (beam\$1 near7		
1			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
İ			<pre>(reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same</pre>		
			grating\$1))		
			(variable vary\$4 control\$4 tun\$4) near7		
12	BRS	6081	(interference\$41 period\$\$4) same beam\$1		
			((beam near7 split\$4) same (beam\$1 near7		
l			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
13	BRS	1299	(reflect\$4 mirror\$1)) same angle\$1 same		
			grating\$1)		
14	BRS	8424	grating\$1 same period\$4		
			((variable vary\$4 control\$4 tun\$4) near7		
			(interference\$41 period\$\$4) same beam\$1) and		
15	BRS	130	(((beam near7 split\$4) same (beam\$1 near7		
13	BRS	130	(reflect\$4 mirror\$1))) and ((beam\$1 near7		
			(reflect\$4 mirror\$1)) same angle\$1 same		
			grating\$1)) and (grating\$1 same period\$4)		
			((variable vary\$4 control\$4 tun\$4) near7		
}			(interference\$41 period\$4) same beam\$1) and		
16	BRS	124	(((beam near7 split\$4) same (beam\$1 near7		
			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
			<pre>(reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)</pre>		
			(variable vary\$4 control\$4 tun\$4) near4		
17	BRS	107631	(period\$4)		
<u> </u>					
			(((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and		
			(((beam near7 split\$4) same (beam\$1 near7		
			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
18	BRS	88	(reflect\$4 mirror\$1)) same angle\$1 same		
			grating\$1)) and (grating\$1 same period\$4)) and		
			((variable vary\$4 control\$4 tun\$4) near4		
L			(period\$4))		
19	BRS	30042	385/\$.ccls.		
		***************************************	(((beam near7 split\$4) same (beam\$1 near7		
			(reflect\$4 mirror\$1))) and ((beam\$1 near7		
20	BRS	113	(reflect\$4 mirror\$1)) same (angle near9		
			(waveguide\$1 grating\$1 fiber\$1 core\$1)) same		
			grating\$1)) and 385/\$.ccls.		

	DBs	Time Stamp	Comments	Error Definition
1	USPAT; US-PGPUB	2004/06/08 18:10		
2	USPAT; US-PGPUB	2004/06/08 18:11		
3	USPAT; US-PGPUB	2004/06/08 18:11	į	
	······································	** * *********************************	•••••••••••••••••••••••••••••••••••••••	
4	USPAT; US-PGPUB	2004/06/08 18:14		
5	USPAT; US-PGPUB	2004/06/09 11:25		·
6	USPAT; US-PGPUB	2004/06/09 10:12		
7	USPAT; US-PGPUB	2004/06/09 11:22	•	
8	USPAT; US-PGPUB	2004/06/09 10:38	•	
9	USPAT; US-PGPUB	2004/06/09 10:54		
10	USPAT; US-PGPUB	2004/06/09 11:20		
11	USPAT; US-PGPUB	2004/06/09 11:16		
12	USPAT; US-PGPUB	2004/06/09 11:18		
13	USPAT; US-PGPUB	2004/06/09 11:26		
14	USPAT; US-PGPUB	2004/06/09 11:22		
15	USPAT; US-PGPUB	2004/06/09 11:29		
16	USPAT; US-PGPUB	2004/06/09 11:29		
17	USPAT; US-PGPUB	2004/06/09 11:29		
18	USPAT; US-PGPUB	2004/06/09 12:05		
19	USPAT; US-PGPUB	2004/06/09 11:30		
۳				
20	USPAT; US-PGPUB	2004/06/14 15:30		
	<u> </u>	<u> </u>		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
_	••••••••••••••••••••••••••••••••••••••
10	0
11	0
12	0
13	0
14	0
15	· · · · · · · · · · · · · · · · · · ·
16	0
17	0
	••••••••••••••••••••••••
18	0
19	0
20	0

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	Туре	Hits	Search Text
21	BRS	35	((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.
22	BRS	0	<pre>(((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.ccls.</pre>
23	BRS	88	<pre>((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4)))</pre>
24	BRS	1	((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4)))
25	BRS	48	(((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1))
26	BRS	35	((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.
27	BRS	53	(((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) not ((((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1) and (((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1))) same angle\$1 same grating\$1)) and (grating\$1 same period\$4)) and ((variable vary\$4 control\$4 tun\$4) near4 (period\$4))) and 385/\$.ccls.)
28	BRS	11	("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.

	DBs	Time Stamp	Comments	Error Definition
21	USPAT; US-PGPUB	2004/06/09 11:41		
22	EPO; JPO; DERWENT	2004/06/09 11:31		
23	USPAT; US-PGPUB	2004/06/09 11:32		
24	EPO; JPO; DERWENT	2004/06/09 11:32		•
25	EPO; JPO; DERWENT	2004/06/14 15:29 [']		
26	USPAT; US-PGPUB	2004/06/09 14:45		
27	USPAT; US-PGPUB	2004/06/09 12:06		
28	USPAT; US-PGPUB	2004/06/14 15:08		

	Errors
21	0
22	0 .
23	0
24	0 .
25	0
26	0
27	0
28	0

	Туре	Hits	Search Text
29	BRS	4	(("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.) and (interferomet\$4 mzi\$1)
30	BRS	11	(("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.) and ((variable vary\$4 control\$4 tun\$4) near4 period\$4) and ((variable vary\$4 control\$4 tun\$4) same beam\$1)
31	BRS	0	'02/071113'
32	BRS	0	'02/071113a1'
33	BRS	2	'02071113'
34	BRS	0	'wo 02/071113'
35	BRS	1	6548225.PN.
36	BRS	1 ′	6548225.PN. and ((variable vary\$4 control\$4 tun\$4) near4 period\$4) and ((variable vary\$4 control\$4 tun\$4) near7 (interference\$41 period\$4) same beam\$1)
37	BRS	1	6548225.PN. and (control\$5 same (mov\$4 tilt\$4 translat\$5 rotat\$5 steer\$4))
38	BRS	1	6548225.PN. and (mov\$4 tilt\$4 mirror\$1 reflect\$5 rotat\$5 steer\$4 point\$1 imping\$4 location\$1)
39	BRS	1	6548225.PN. and (split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
40	BRS	1	6548225.PN. and (mask\$4 split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
41	BRS	1	6548225.PN. and (locat\$5 position\$4 mask\$4 split\$\$ translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
42	BRS	1	6548225.PN. and (locat\$5 position\$4 mask\$4 split\$4 translat\$5 mov\$4 '31' '32' '51' '52' rotat\$3 tilt\$4 steer\$4 means control\$5)
43	BRS	11	("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.
44	BRS	2	(("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.) and integrat\$4
45	BRS	1	(("20040013365" "6661942" "6548225" "6414764" "5694248" "4807950" "4725110" "6676846" "6547919" "4806012" "4771411").pn.) and (IC chip\$1)
46	BRS	114	(((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.ccls.

	DBs	Time Stamp	Comments	Error Definition
29	USPAT; US-PGPUB	2004/06/09 14:43		·
30	USPAT; US-PGPUB	2004/06/14 11:47	·	
31	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:35		
32	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:35		
33	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:36		
34	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/09 15:36		
35	USPAT; US-PGPUB	2004/06/14 11:46		
36	USPAT; US-PGPUB	2004/06/14 11:47	·	
37	USPAT; US-PGPUB	2004/06/14 13:09		
38	USPAT; US-PGPUB	2004/06/14 13:44		
39	USPAT; US-PGPUB	2004/06/14 13:47		
40	USPAT; US-PGPUB	2004/06/14 13:47		
41	USPAT; US-PGPUB	2004/06/14 13:49		
42	USPAT; US-PGPUB	2004/06/14 13:49		
43	USPAT; US-PGPUB	2004/06/14 15:08		
44	USPAT; US-PGPUB	2004/06/14 15:10		
45	USPAT; US-PGPUB	2004/06/14 15:10	-	
46	USPAT; US-PGPUB	2004/06/14 15:30		

	_
	Errors
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0

10/18/2004, EAST Version: 1.4.1

	Туре	Hits	Search Text
47	BRS	15	((((beam near7 split\$4) same (beam\$1 near7 (reflect\$4 mirror\$1))) and ((beam\$1 near7 (reflect\$4 mirror\$1)) same (angle near9 (waveguide\$1 grating\$1 fiber\$1 core\$1)) same grating\$1)) and 385/\$.ccls.) and ((acoust\$3 adjl optic\$4) same modulat\$4 same (reflect\$4 mirror\$1))
48	BRS	234	grating\$1 same ((acoust\$3 adj1 optic\$4) same modulat\$4 same (reflect\$4 mirror\$1))
49	BRS	155	grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1))
50	BRS	68	grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))
51	BRS	5	(grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
52	BRS	10	((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
53	BRS	20	((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)
54	BRS	15	(((acoust\$3 adj1 optic\$4) near3 modulat\$4 same (reflect\$4 mirror\$1)) and grating\$1 near1 (adjust\$5 tun\$5 control\$4)) not ((grating\$1 same ((acoust\$3 adj1 optic\$4) near3 modulat\$4 with (reflect\$4 mirror\$1))) and grating\$1 near1 (adjust\$5 tun\$5 control\$4))

	DBs	Time Stamp	Comments	Error Definition
47	USPAT; US-PGPUB	2004)/06/14 15:35		
48	USPAT; US-PGPUB	2004/06/14 15:35		
49	USPAT; US-PGPUB	2004/06/14 15:35		
50	USPAT; US-PGPUB	2004/06/14 15:43		
51	USPAT; US-PGPUB	2004/06/14 15:43		
52	USPAT; US-PGPUB	2004/06/14 15:44		
53	USPAT; US-PGPUB	2004/06/14 15:44		
54	USPAT; US-PGPUB	2004/06/14 15:44		

	Errors
47	0
48	0 .
49	0
50	0
51	0 .
52	0
53	0
54	0

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